Game Changing Development

SUPERBall Bot

Completed Technology Project (2015 - 2016)

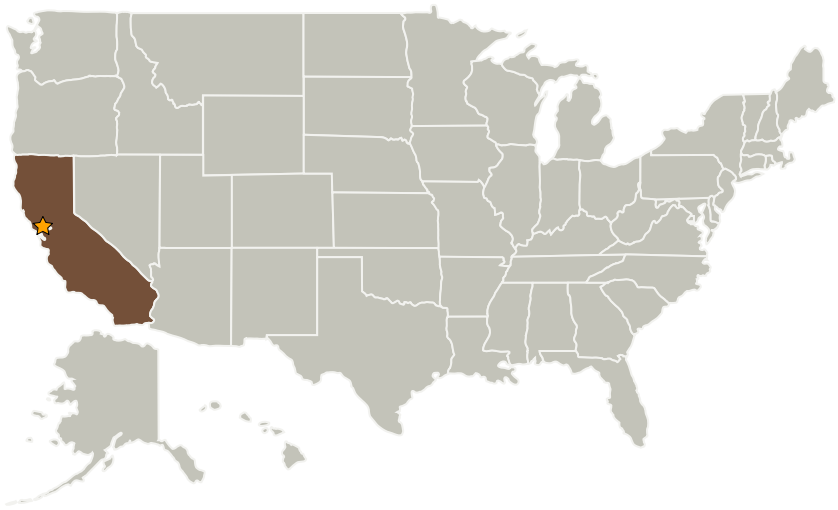
Project Introduction

Mature the SUPERball Bot tensegrity lander and exploration robot to the point that a full suite demonstration of mission relevant capabilities in one integrated terrestrial prototype

Anticipated Benefits

NASA Unfunded: Enable new forms of exploration due to the ability of these robust and resilient robots to withstand impact shocks. OGA: mobile sensor platforms for earth science or defense needs. Commercial: new types of wheels for terrain exploration. Nation: Adaptable climbing robots for inspecting pipes and duct work.

Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★Ames Research Center(ARC)	Lead Organization	NASA Center	Moffett Field, California

Primary U.S. Work Locations
California

SUPERBall Bot

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Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Center / Facility:

Ames Research Center (ARC)

Responsible Program:

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Project Website:

https://www.nasa.gov/directorates/spacetech/home/index.html

Project Management

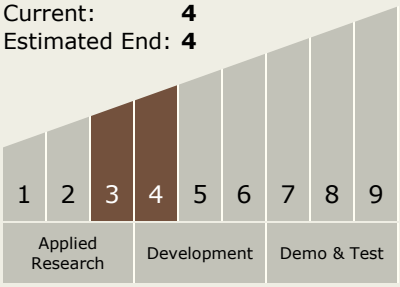
Program Director:
Mary J Werkheiser

Program Manager:
Gary F Meyering

Principal Investigator:
Terrence W Fong

Technology Maturity (TRL)

Start: **3**
Current: **4**
Estimated End: **4**



Target Destination

Others Inside the Solar System